BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Name of Work: Improvements & Construction of Culverts in Bagalagunte Ward No 14

				Est. Cost Rs				10.00	Lakhs	
Sl	Description of Item	Unit		No	L	B	D	Qty	Rate	Amount
1	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in Ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (P.142/I.19.1 PW, P & IWTD -SR 2016-17)									
		Cum		11	5.70	2.00	1.00	125.40		
	Basic Rate	82.00						125.40	86.92	10900.00
	Add Area Weightage 6%	4.92								
	Total	86.92								
2	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.3) PWD - SR 2016-17)									
		Cum		11	5.70	2.00	0.15	18.81		
	Basic Rate	4867.00						18.81	5159.02	97041.00
	Add Area Weightage 6%	292.02								
	Total	5159.02								
3	KSRB 4-6.4 : Providing and removing **centering,** shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications, Specification NO KBS 4.6.2 Page No 15/ Item No 4.31/PWD SR 2016-17									
		Sqm	4	11	5.70	1.00		250.80		
			1	11	5.70	1.20		75.24		
	Basic Rate	293.00						326.04	310.58	101262.00
	Add Area Weightage 6%	17.58								
	Total	310.58								

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	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix M1:2:4 with cement @240 kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.6) PW, P & IWTD - SR 2016-17)									
	Side Wall	Cum	1	11	5.70	1.20	0.30	22.57		
	Bottom Slab		1	11	5.70	2.00	0.15	18.81		
	Approch Slab		2	11	5.60	1.00	0.20	24.64		
	Basic Rate	5441.00						66.02	5767.46	380779.00
	Add Area Weightage 6%	326.46								
	Total	5767.46								
5	KSRRB M2200-6. Supplying, fitting and placing TMT bar Fe 500 reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200 [P. no.225 - I. no.28.8.2]									
	For Bottom & Sides	Tonnes		66		80.00		5281.76		
	Basic Rate	62719.00					Say	5.28	66482.14	351143.00
	Add Area Weightage 6%	3763.14								
	TOTAL	66482.14								
6	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Page No. 150 Item No. 17.1 PWD SR 2016-17									
		Cum		Qty Vide Item No. 1				125.40	85.65	10740.00
	Loading and Unloading Charges	68.00								
	Lead 4 KMs 2x1.28x4	12.80								
		80.80								
	Add Area Weightage 6%	4.85								
	Total	85.65								
								Sub Total		951865

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Qc & Tender Premium 5%										47593.00
Miscellaneous and UnforessenCharges										542.00
									Total	1000000.00

(Rupees.Ten Lakhs Only)

CERTIFICATE:-

1. The Work spot has been inspected and the work is found to be necessary
2. The Estimate is prepared as per the PW,P & IWTD -SR-2016-17
3. The Provision made in estimate are adequate and essential.
4. This area comes under BBMP limits.

Assistant Engineer
Ward-14

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

ನಂ. EE/DD/AS/574/17-18 ದಿನಾಂಕ : 1/12/17
ರೂ. 10.00 Lakh
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

ನಂ. EE/DD/TS/407/17-18 ದಿನಾಂಕ : 1/12/17
ರೂ. 10.00 Lakh
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

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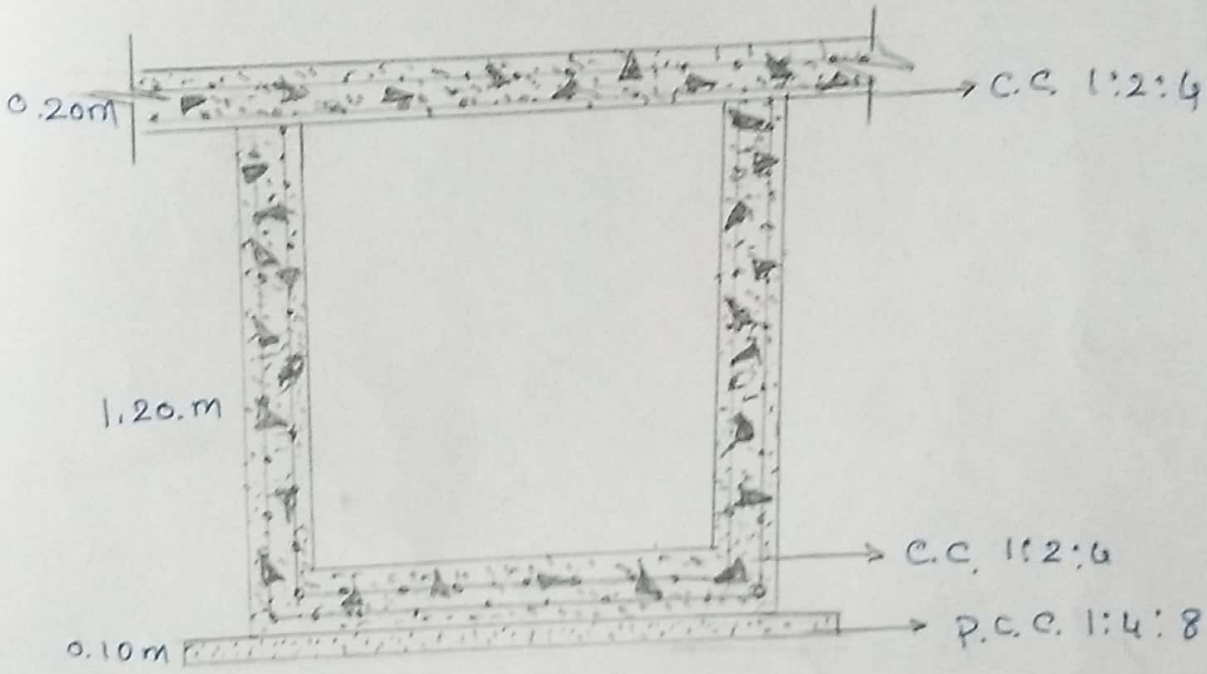
Nature of work :- Improvements to culverts @ Bagalagunte Bagalagunte ward no - 44.



CROSS - SECTION OF CULVERTS

Sk. tayu

DASARAHALLI ZONE

WARD NO 14-BAGALAKUNTE

No of Properties	15475
Government	19
Commercial	829
Educational Institutions	25
Industry	6
Open Spaces	1893
Park	33
Residential /Commercial	310
Residential	8312
Sublease	68
Under Construction	246
Vacant Plot	3998
Services	58
No of Roads : 934	
Intermediate Road	15
Major Road	3
Minor Road	916
Total Length of Roads (In Meters) : 125792.33	
Intermediate Road	1648.79
Major Road	3752.81
Minor Road	120390.64

Legend

Total Area : 4.2 sq km

Intermediate Road

Major Road

Minor Road

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು

ದಾಸರಹಳ್ಳಿ ವಲಯ-ವಿಭಾಗ

ಬಾಗಲಕುಂಟೆ, ಬೆಂಗಳೂರು

ಬೆಂಗಳೂರು

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